Product data sheet

Syrphidend

Episyrphus balteatus | Hoverfly



- For the control of all aphid species
- Disperse well and find aphid hotspots

Use for

Pests

All species/stages of aphids.

How it works

Mode of action

Adult hoverflies emerge from the pupae and deposit their eggs in the aphid colonies.
The young larvae start feeding on the aphids.

Appearance

- Eggs are oval, 1 mm long, white-grey
- Larvae are up to 11 mm long, transparent-beige, without legs
- Pupae are beige-brown, droplet shaped and can be found on the leaves
- Adults are 10-13 mm long, have a dark yellow face and golden abdomen with black stripes



Episyrphus balteatus larva



Episyrphus balteatus pupa



Episyrphus balteatus adult

Visual effect

Aphids are consumed entirely, only skin remains. Dark excrements (meconium) on the leaves is an indicator of hoverfly larvae activity.

Product specifications

Pack size
50 pupae.

Presentation
3,5x3,5x3,5 cm cardboard box.

Developmental stage
Pupae.

Carrier
Buckwheat hulls and vermiculite.

Food
None.

Directions for use

Application
- Do not open the box until you arrive at the release point
- Carefully open the perforated lid of the cardboard box
- Hang the open box vertically on the plants, preferably close to flowers
- Protect against direct sunlight, rain and wind

Dosage

The dosage of Syrphidend depends on climate, crop and aphid density and should always be adjusted to the particular situation. Start introduction preventatively or as soon as the first aphids are detected in the crop. Introduction rates typically range from 100-600 pupae per ha/release. Releases should be repeated a number of times. Consult a Koppert advisor or recognized distributor for advice on the best strategy for your situation.

Environmental conditions
- Syrphidend is most effective between 15 and 23°C.
- High humidity is favourable for larval development and hatching of pupae
- Adult hoverflies feed on pollen and nectar. Ensure flowering plants are present for optimal establishment

Combined use
For effective control of aphids combine with other predators and/or parasitoids.

Side effects
Pesticides can have (in)direct effects on biological solutions. Find out which pesticides have side effects on this product.

Product handling

Storage time after receipt
Apply as soon as possible after receipt. If necessary, the product can be stored for 1-2 days.

Storage temperature
8-10°C/47-50°F.

Storage conditions
In the dark.

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